DISCIPLINE: Configuration Management
Discipline Roadmap for: Vulnerability and Patch Management

DOMAIN: SECURITY

Current	2 Years	5 Years
Baseline Environment	**Tactical Deployment**	**Strategic Direction**

Desktop and Server Products:

- SMS/SUS (Microsoft)
- ZEN Patch Management (Novell)
- Unicenter Patch Management (CA)
- Livestate Patch Manager (Symantec)
- BMC Patch Manager (BMC Software)
- Avocent (LanDesk)
- BigFix

Network Based Products:

- Blue Lane Software

Market-Watch
based on consolidation

Shared	Agency
	✓

Retirement Targets

None

Mainstream Platforms (must be supported)

Containment Targets

None

Emerging Platforms

Virtual Patching

Implications and Dependencies

- The evolution of heterogeneous networks and OS's as well as the increase in attack vectors is making patch management more Important than ever in the past. Following timely patch schedules is critical no matter what product is used.

Roadmap Notes

- Expect consolidation going forward in this arena as configuration management and patch management converge.

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- **Discipline Boundaries:**
  - Concerned with OS Security via patching capabilities. This is currently outside of the systems management discipline

- **Discipline Standards:**
  - None

- **Migration Considerations:**
  - None

- **Exception Considerations:**
  - Per agency business case

- **Miscellaneous Notes:**
  - Virtualization will create additional challenges in this arena going forward and needs to be planned for

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  - November 2009